

eLINE Nema Premium Motor Performances

Catalog Number	60 HZ Original Motor	60 HZ Original Motor		60 HZ Derating		50 HZ Derating	50 HZ Derating		
ELP5P3D	460V	230V	208V	190V	380V	380V	190V	400V	415V
	60HZ	60HZ	60HZ	60HZ	60HZ	50HZ	50HZ	50HZ	50HZ
HP	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
KW	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
Frame	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC	215T / TC
Sync Speed	1200	1200	1200	1200	1200	1000	1000	1000	1000
FL Speed	1170	1170	1170	1145	1145	955	955	965	970
Torque (lb.ft)	22.4	22.4	22.4	23.4	23.4	28.1	28.1	0.0	27.6
LRT (%)	250	250	250	155	155	225	225	225	260
BDT (%)	350	350	350	245	245	305	305	305	330
FL Amp	7	14.0	15.4	16.6	8.3	8.3	16.6	7.9	7.6
LR Amp	46.0	92.0	83.2	76.6	38.3	41.4	82.2	44.3	47.2
SF Amp	8.3	16.6	16.6	16.6	8.3	8.3	16.6	8.3	8.3
Eff. (1/4)	81.2	81.2	81.2	-	-	-	-	-	-
Eff. (1/2)	88.2	88.2	88.2	-	-	-	-	-	-
Eff. (3/4)	89.6	89.6	89.6	-	-	-	-	-	-
Eff. (FL)	89.5	89.5	89.5	86.9	86.9	86.4	86.4	87.5	88.2
Eff. (SF)	88.7	88.7	88.7	-	-	-	-	-	-
Garanteed Eff	88.1	88.1	88.1	-	-	84.7	84.7	85.9	86.7
PF (1/4)	37.0	37.0	37.0	-	-	-	-	-	-
PF (1/2)	57.0	57.0	57.0	-	-	-	-	-	-
PF (3/4)	69.0	69.0	69.0	-	-	-	-	-	-
PF (FL)	75.0	75.0	75.0	78.0	78.0	79.0	79.0	78.0	77.0
PF (SF)	78.0	78.0	78.0	-	-	-	-	-	-
Service Factor	1.30	1.30	1.30	1.00	1.00	1.00	1.00	1.05	1.09
NEMA Code Letter	J	J	J	E	E	F	F	G	H
NEMA Design	B	B	B	B	B	B	B	B	B
Max KVAR	3.7	3.7	3.7	3.4	3.4	3.3	3.3	3.4	3.5
WK ² (Lb-Ft ²)	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56
Net Weight (lbs)	220	220	220	220	220	220	220	220	220
Bearing (DE)	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z
Bearing (ODE)	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z	6308 2Z
Noise Level (dBA)	69	69	69	69	69	69	69	69	69

The Above Data is Typical, Sinewave Power Unless Noted Otherwise